



STREET REHABILITATION INITIATIVE UPDATE

VERONICA O. DAVIS, PE, DIRECTOR
TRANSPORTATION & DRAINAGE OPERATIONS



“The streets are in bad condition and need panel replacements or need to be totally repaved. I have instructed Public Works to present to me within 60 days a systematic plan that identifies those streets that need to be seriously rehabilitated, a potential funding source and an estimated timeline for work to commence. You should see a noticeable improvement by the end of this term.

Mayor Sylvester Turner

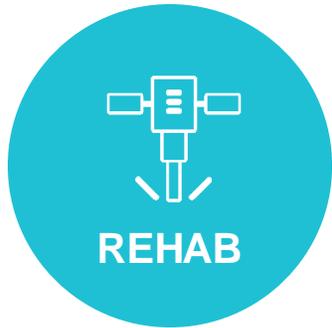
2020 Inaugural Address

INFRASTRUCTURE PRESERVATION



standard operations & maintenance

mow ditches, patch potholes, repair water leaks, clear wastewater lines, replace meter box lids



planned improvements to extend life of infrastructure

local drainage projects, panel replacements, intersection safety, water valve & fire hydrant replacement, reline wastewater lines

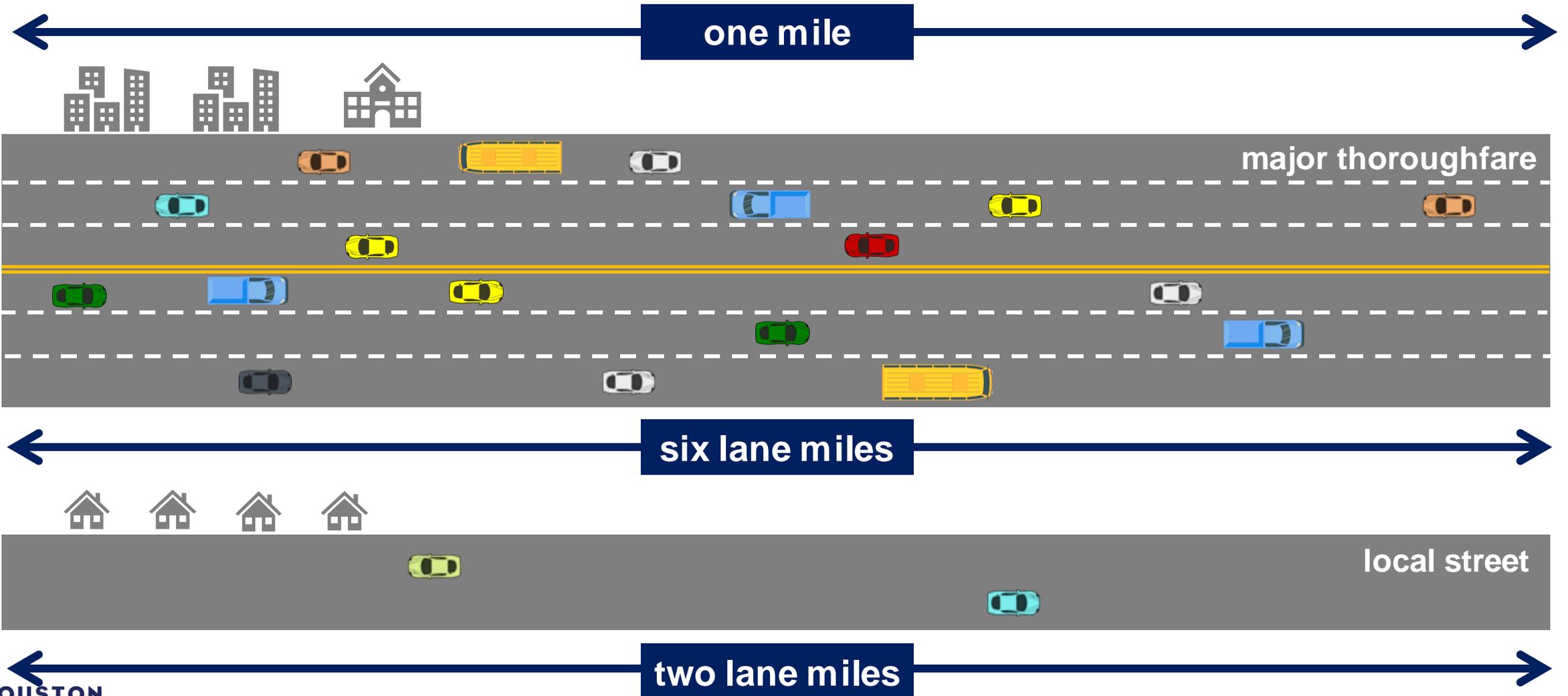


large projects to replace & expand infrastructure systems

storm sewer upgrades, neighborhood drainage, water & wastewater lines, street improvements, thoroughfares, new plant expansion & upgrades, large diameter water & wastewater lines

WHAT IS A LANE MILE?

uniform basis of comparison



COST COMPARISON BY LANE MILE



varies by treatment



\$400K major thoroughfare rehabilitation
\$160K local street rehabilitation



\$3.2M total street reconstruction

STREET REHABILITATION INITIATIVE

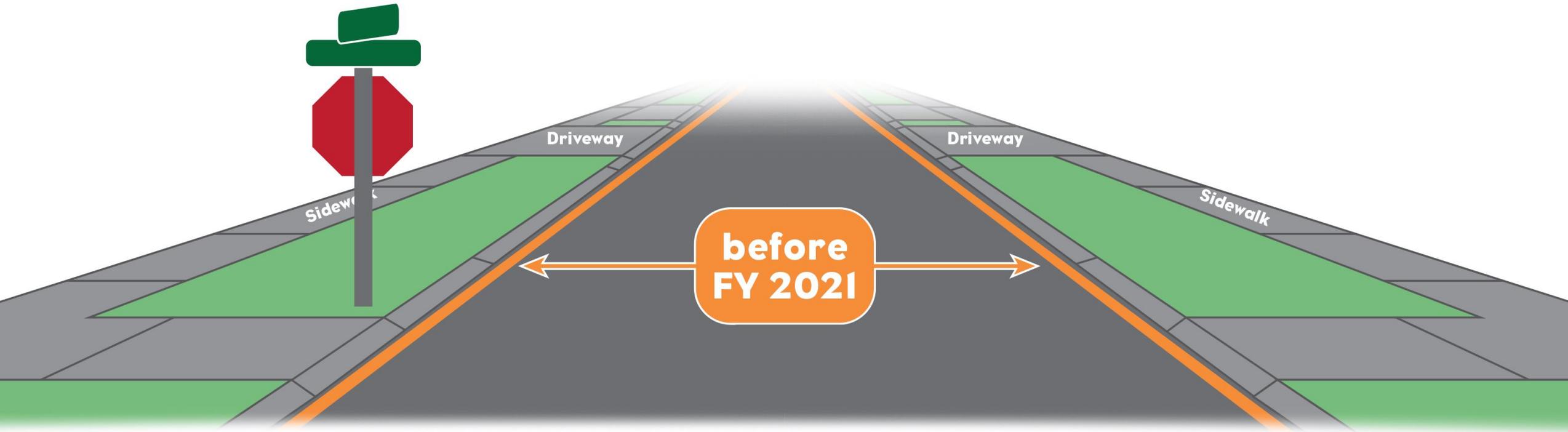
GOAL

Houstonians will see a noticeable improvement in streets by 2024

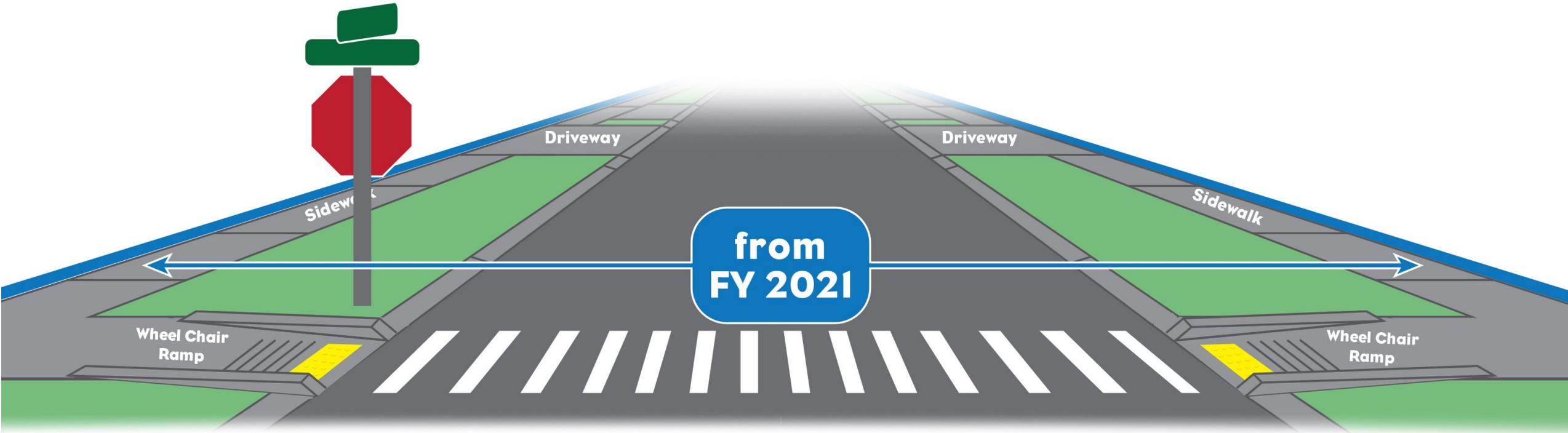
APPROACH

increase transparency, accountability & rehabilitation frequency, including sidewalks, curbs, gutters, inlets and ramps next to projects

MAXIMIZE IMPACT



MAXIMIZE IMPACT





RICHMOND STREET REHAB

CONCRETE PANEL REPLACEMENT

Richmond (Beltway 8 - Gessner)

7.1 lane miles

\$636K construction amount

status: under construction



WINDFERN STREET REHAB

ASPHALT OVERLAY

Windfern (Clay - Wingfoot)

2.1 lane miles

\$222K construction amount

status: completed 03.27.21

FY 2021 INVESTMENTS

MAJOR THOROUGHFARES & COLLECTORS

COUNCIL DISTRICT	TOTAL LANE MILES	2% OF LANE MILES	DISTRICT DIRECTED	TOTAL ANNUAL REHAB MILES
A	450	9	2	11
B	590	12	2	14
C	556	11	2	13
D	503	10	2	12
E	300	6	2	8
F	289	6	2	8
G	292	6	2	8
H	410	8	2	10
I	338	7	2	9
J	213	4	2	6
K	406	8	2	10
TOTAL	4347	87	22	109

MAJOR THOROUGHFARES & COLLECTORS

COUNCIL DISTRICT	TOTAL LANE MILES	TOTAL ANNUAL REHAB LANE MILES PLANNED	FY21 REHAB LANE MILES COMPLETED	FY21 REHAB LANE MILES IN CONSTRUCTION	FY21 REHAB LANE MILES DEFERRED TO FY22	FY21 REHAB LANE MILES TOTAL
A	450	11	3.1	1.3	6.8	11.2
B	590	14	3.3	0	10.6	13.9
C	556	13	8.6	18.4	8.9	35.9
D	503	12	32.7	11.3	1.4	45.4
E	300	8	0	0	9.4	9.4
F	289	8	3.1	7.1	5.6	15.8
G	292	8	3.5	0	2.4	5.9
H	410	10	10.6	1.5	6.7	18.8
I	338	9	5.8	0	5.9	11.7
J	213	6	7.1	0	0	7.1
K	406	10	17.3	5.2	0	22.5
TOTAL	4,347	109	95.1	44.8	57.7	197.6

LOCAL STREETS

COUNCIL DISTRICT	TOTAL ASPHALT	TOTAL CONCRETE	2.0% OF ASPHALT	1.3% OF CONCRETE	DISTRICT DIRECTED	TOTAL ANNUAL REHAB MILES
A	311	455	6	6	2	14
B	910	327	18	4	2	24
C	711	347	14	5	2	21
D	687	426	14	6	2	22
E	351	861	7	11	2	20
F	68	338	1	4	2	7
G	171	555	3	7	2	12
H	897	86	18	1	2	21
I	728	210	15	3	2	20
J	100	228	2	3	2	7
K	216	617	4	8	2	14
TOTAL	5150	4450	103	58	22	183

LOCAL STREETS

COUNCIL DISTRICT	TOTAL ASPHALT & CONCRETE	TOTAL ANNUAL REHAB LANE MILES PLANNED	FY21 REHAB LANE MILES COMPLETED	FY21 REHAB LANE MILES PENDING	FY21 REHAB LANE MILES TOTAL
A	766	14	13.4	3.8	17.2
B	1237	24	29.3	0	29.3
C	1058	21	9.6	0	9.6
D	1113	22	18.0	25.1	43.1
E	1212	20	0.6	0	0.6
F	406	7	1.6	1.6	3.2
G	726	12	0.1	1.8	1.9
H	983	21	12.9	0	12.9
I	938	20	56.2	0	56.2
J	328	7	0	3.8	3.8
K	833	14	3.7	3.9	7.6
TOTAL	9600	182	145.4	40.0	185.4

FY 2022 INVESTMENTS

STREET REHABILITATION INITIATIVE

FY 2022

plan: 292 lane miles*

*addresses adjacent sidewalks, curbs, gutters, inlets and ramps

RESILIENT HOUSTON



City of Houston Users' Guide for Walkable Places and Transit-Oriented Development

September 2020

PRIORITIES & PARTNERS

Vision Zero

High Injury Network

Walkable Places

Transit Oriented Development

Resilient Houston

Mayor's Office of People with Disabilities

Planning Department

NEXT STEPS

june/july 2021

- refine project list
- vet projects with city partners

august 2021

- meeting with council members to review project lists, rehab lane mile selections and CDSF requests

fall 2021

- solicit feedback on prioritization for FY 2023/24

thank you!



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